

Tables below show a sensitivity analysis for the age ≥60 years-old subgroup.

Of our study cohort (N = 3,674), 93.2% (n = 3,426) were aged at least 60 years.

Table 2A-1. Exposure is any COVID infection within 6 months of surgery (univariable analysis) (sensitivity analysis for the age ≥60 years-old subgroup)

	Died, n (%)	Alive, n (%)	Total
Risk ratio 1.29, CI 0.88–1.87, P = 0.2			
Covid infection	25 (14.2)	151 (85.8)	176
No Covid infection	359 (11.0)	2,891 (89.0)	3,250
Total	384 (11.2)	3,042 (88.8)	3,426

Table 2A-2. Exposure is any COVID infection within 6 months of surgery (multivariable analysis) (sensitivity analysis for the age ≥60 years-old subgroup)

Characteristic	Risk ratio ^a	CI	P value
Covid infection			
No Covid 6 months	—	—	
Covid 6 months	1.26	0.87–1.83	0.2
Covid vaccination			
Fully vaccinated	—	—	
Unvaccinated	4.36	3.62–5.24	<0.001
Sex			
Female	—	—	
Male	1.37	1.14–1.65	<0.001
Race / ethnicity			
White	—	—	
Hispanic	0.98	0.74–1.30	0.9
Black	0.64	0.40–1.01	0.056
Asian	0.85	0.58–1.26	0.4
Other/unknown	1.26	0.54–2.96	0.6
NDI quartiles			
Q1 (low deprivation)	—	—	
Q2	0.95	0.75–1.19	0.6
Q3	0.91	0.71–1.17	0.5
Q4 (high deprivation)	0.90	0.67–1.19	0.5
Baseline BMI			
<18.5	—	—	
18.5–25	0.78	0.60–1.00	0.055
26–30	0.64	0.48–0.86	0.003
≥30	0.51	0.35–0.76	<0.001
Surgery class			
Elective	—	—	
Urgent	1.14	0.65–2.01	0.6

^a Adjusted for the covariates listed in the table.

NDI = Neighborhood Deprivation Index

Table 2B-1: Exposure is any COVID infection within 12 weeks of surgery (univariable analysis)
(sensitivity analysis for the age ≥ 60 years-old subgroup)

	Died, n (%)	Alive, n (%)	Total
Risk ratio 1.76, CI 1.15–2.70, P = 0.02			
Covid infection	18 (19.4)	75 (80.6)	93
No Covid infection	366 (11.0)	2,967 (89.0)	3,333
Total	384 (11.2)	3,042 (88.8)	3,426

Table 2B-2. Exposure is any COVID infection within 12 weeks of surgery (multivariable analysis) (sensitivity analysis for the age ≥ 60 years-old subgroup)

Characteristic	Risk ratio ^a	CI	P value
Covid infection			
No Covid 12 weeks	—	—	
Covid 12 weeks	1.60	1.05–2.45	0.03
Covid vaccination			
Fully vaccinated	—	—	
Unvaccinated	4.34	3.61–5.22	<0.001
Sex			
Female	—	—	
Male	1.37	1.14–1.65	<0.001
Race / ethnicity			
White	—	—	
Hispanic	0.99	0.75–1.30	>0.9
Black	0.64	0.40–1.00	0.052
Asian	0.85	0.58–1.25	0.4
Other/unknown	1.26	0.54–2.96	0.6
NDI quartiles			
Q1 (low deprivation)	—	—	
Q2	0.94	0.75–1.19	0.6
Q3	0.91	0.71–1.16	0.4
Q4 (high deprivation)	0.89	0.67–1.19	0.4
Baseline BMI			
<18.5	—	—	
18.5–25	0.78	0.60–1.00	0.050
26–30	0.64	0.48–0.86	0.003
≥ 30	0.51	0.34–0.75	<0.001
Surgery class			
Elective	—	—	
Urgent	1.15	0.65–2.04	0.6

^a Adjusted for the covariates listed in the table.

Table 2C-1. Exposure is any COVID infection within 6 weeks of surgery (univariable analysis) (sensitivity analysis for the age ≥ 60 years-old subgroup)

	Died, n (%)	Alive, n (%)	Total
Risk ratio 1.97, CI 1.24–3.13, P = 0.01			
Covid infection	15 (23.1)	50 (76.9)	65
No Covid infection	369 (11.0)	2,992 (89.0)	3,361
Total	384 (11.2)	3,042 (88.8)	3,426

Table 2C-2: Exposure is any COVID infection within 6 weeks of surgery (multivariable analysis) (sensitivity analysis for the age ≥ 60 years-old subgroup)

Characteristic	Risk ratio^a	CI	p-value
Covid infection			
No Covid 6 weeks	—	—	
Covid 6 weeks	1.92	1.21–3.04	0.006
Covid vaccination			
Fully vaccinated	—	—	
Unvaccinated	4.35	3.62–5.23	<0.001
Sex			
Female	—	—	
Male	1.37	1.14–1.65	<0.001
Race / ethnicity			
White	—	—	
Hispanic	0.98	0.74–1.29	0.9
Black	0.63	0.40–0.99	0.046
Asian	0.85	0.58–1.24	0.4
Other/unknown	1.27	0.54–2.99	0.6
NDI quartiles			
Q1 (low deprivation)	—	—	
Q2	0.95	0.75–1.19	0.6
Q3	0.91	0.71–1.17	0.5
Q4 (high deprivation)	0.90	0.67–1.20	0.5
Baseline BMI			
<18.5	—	—	
18.5–25	0.77	0.60–1.00	0.048
26–30	0.64	0.48–0.86	0.003
≥ 30	0.51	0.34–0.75	<0.001
Surgery class			
Elective	—	—	
Urgent	1.15	0.65–2.04	0.6

^a Adjusted for the covariates listed in the table.

Table 3A. Exposure is any COVID infection within 6 months of surgery (univariable analysis)
(sensitivity analysis for the age ≥ 60 years-old subgroup)

	Developed VTE, n (%)	Did not develop VTE, n (%)	Total
Risk ratio 3.36, CI 1.17–9.64, P = 0.054			
Covid infection	4 (2.1)	172 (97.9)	176
No Covid infection	22 (0.7)	3,228 (99.3)	3,250
Total	26 (0.7)	3,400 (99.3)	3,426

Table 3B. Exposure is any COVID infection within 12 weeks of surgery (univariable analysis)
(sensitivity analysis for the age ≥ 60 years-old subgroup)

	Developed VTE, n (%)	Did not develop VTE, n (%)	Total
Risk ratio 6.52, CI 2.29–18.5, P = 0.005			
Covid infection	4 (4.3)	89 (95.7)	93
No Covid infection	22 (0.7)	3,311 (99.3)	3,333
Total	26 (0.8)	3,400 (99.2)	3,426

Table 3C. Exposure is any COVID infection within 6 weeks of surgery (univariable analysis)
(sensitivity analysis for the age ≥ 60 years-old subgroup)

	Developed VTE, n (%)	Did not develop VTE, n (%)	Total
Risk ratio 4.31, CI 1.04–17.9, P = 0.09			
Covid infection	2 (3.0)	63 (97.0)	65
No Covid infection	24 (0.7)	3,337 (99.3)	3,361
Total	26 (0.8)	3,400 (99.2)	3,426